PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 2003B133A	FOR FURTHER ACTION	See Notification	on of Transmittal of International (xamination Report (Form PCT/IPEA/416)	
International application No.	International filing date (day/mo	nth/year)	Priority date (day/month/year)	
PCT/US03/40340	19 December 2003 (19.12.2003)		20 December 2002 (20.12.2002)	
International Patent Classification (IPC) or national classification and IPC				
IPC(7): C08F 2/06,4/44,4/64,4/68 and U	US Cl.: 526/90,98,124.3,125.7,14	14,185,206,226,1	169.2,166	
Applicant				
EXXONMOBIL CHEMICAL PATENT	S INC.			
 This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36. 				
2. This REPORT consists of	a total of $\frac{3}{2}$ sheets, including	g this cover she	eet.	
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).				
These annexes consist of	a total of O sheets.			
3. This report contains indic	eations relating to the following	g items:		
I Basis of the report				
II Priority				
III Non-establishn	III Non-establishment of report with regard to novelty, inventive step and industrial applicability			
IV Lack of unity of invention				
V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
VI Certain documents cited				
VII Certain defects in the international application				
VIII Certain observations on the international application				
Date of submission of the demand	Da	te of completion	on of this report	
16 July 2004 (16.07.2004)	27	January 2005 (2	7.01.2005)	
Name and mailing address of the IPEA Mail Stop PCT, Attn: IPEA/US	/US Au	Authorized officer		
Commissioner for Patents	Re	Roberto Rábago		
P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. (571) 272-1700		1) 272-1700		
Facsimile No. (703) 305-3230 Form PCT/IPBA/409 (cover sheet)(July 1998)				

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International ar	ion No.	
PCT/US03/40340		

I.	Basis of the report	_
1.	Vith regard to the elements of the international application:*	
	the international application as originally filed.	
	the description:	1
	pages 1-96 as originally filed	
	nages NONE , filed with the demand	
	pages NONE, filed with the letter of	
	the claims:	
	pages 97-111 , as originally filed pages NONE , as amended (together with any statement) under Article 19	1
	pages NONE filed with the demand	1
	pages NONE, filed with the letter of	
	the drawings:	
	pages 1-3 , as originally filed	
	pages NONE tiled with the demand	-
	pages NONE , filed with the letter of	
	the sequence listing part of the description:	
	pages NONE , as originally filed pages NONE , filed with the demand	1
	pages NONE , filed with the letter of	1
2	With record to the language, all the elements marked above were available or furnished to this Authority in the	
~	language in which the international application was filed, unless otherwise indicated under this item.	- 1
	These elements were available or furnished to this Authority in the following language which is:	- 1
١	the language of a translation furnished for the purposes of international search (under Rule23.1(b)).	1
	the language of publication of the international application (under Rule 48.3(b)).	1
	the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).	
:	With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:	
	contained in the international application in printed form.	ļ
	filed together with the international application in computer readable form.	
1	furnished subsequently to this Authority in written form.	
1	furnished subsequently to this Authority in computer readable form.	
1	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.	*
	The statement that the information recorded in computer readable form is identical to the written sequence list has been furnished.	ing
	. The amendments have resulted in the cancellation of:	
	the description, pages NONE	
1	the claims, Nos. NONE	
1	the drawings, sheets/fig NONE	
	This report has been established as if (some of) the amendments had not been made, since they have been considered to g beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**	
	Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17). *Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.	o in



International app	on No.	
PCT/US03/4034		

INTERNATIONAL PRELIMINAR F EARING		· L. dela ambiachility
. Reasoned statement under Rule 66.2(a)(ii citations and explanations supporting suc	with regard to novelty, inventive stends statement	ep or industrial applicability;
. STATEMENT		
Navalse (ND	Claims 22-25,28-32 and 34	YES
Novelty (N)	Claims 1-21,26,27,33 and 35-58	NO
	Claims 22-25,28-32 and 34	YES
Inventive Step (IS)	Claims 1-21,26,27,33 and 35-58	NO
		YES
Industrial Applicability (IA)	Claims 1-58	NO
	Claims NONE	
2. CITATIONS AND EXPLANATIONS The following references cited on the ISR are discu D1: Halasa (US 4,248,988) D2: Clough et al. (US 5,780,565) D3: Falchi et al. (US 5,728,783)		
Claims 1-6, 8-11, 20, 21, 26, 27, 33, 35-46, 48-50 reference discloses olefin polymerization in the pre col. 2, line 37, col. 5, lines 18-19 and Examples I,	III, and IV(d)).	•
Claims 1-17, 19-21, 26, 27, 33, and 35-58 lack no olefin polymerization in the presence of an HFC d 13, lines 1-26).	fucht and a Devin dete composition	
Claims 1-6, 8-10, 14-21, 26, 27, 33, 35-37, 42-46 reference discloses olefin polymerization in the pr	Sence of all the condens are	-
Claims 22-25, 28-32 and 34 the criteria set out in embodiments of these dependent claims.	•	
Claims 1-58 meet the criteria set out in PCT Artic can be made or used in industry.	le 33(4), and thus have industrial applicabi	lity because the subject matter claimed
NEW CITATIONS		
1		